

AT THE CALIFORNIA ACADEMY OF SCIENCES

APRIL MEETINGS

Dates & Times: Matinee, 2:30 p.m.,
Wednesday, April 14
Evenings, 8:00 p.m.,
Wednesday and Thursday,
April 14-15

Place: May Treat Morrison Auditorium

Speaker: Peggy Wayburn

Subject: "ALASKA—Great Land in the Balance"



If you have seen and loved Alaska with its incredibly beautiful scenery and prodigious wildlife . . . and if you fear for the future of this majestic state, you have found a soul-mate in our guest for April.

Peggy Wayburn, co-author of the recently published *Alaska, The Great Land*, first saw Alaska in 1967 and has been an annual visitor ever since. Mrs. Wayburn and her husband, Edgar, find new beauty and new threats with each visit. Alaska has been likened to a giant socket of natural resources into which 48 states will be plugging their energy needs. The Wayburns are concerned about the effect of oil exploitation on the state's wilderness areas, and have presented numerous conservation programs about Alaska.

Mrs. Wayburn serves on the boards of

directors of many environmental organizations, including the Point Reyes Foundation and Audubon Canyon Ranch. She is currently active in People for Open Space, an organization she helped found, and is Vice-Chairman of the California State Advisory Board on Environmental Education.

She is the author of numerous works, including *Edge of Life: The World of the Estuary*, a Sierra Club publication, and a film strip series entitled *CIRCLE OF LIFE*, published by Random House. She is working on another book about Alaska which will be released soon.

As usual, your membership card will admit you through the main entrance of Cowell Hall. At the matinee performance you may be asked to present it once again at the auditorium door.

MORRISON PLANETARIUM

"WHITE DWARFS & BLACK HOLES" is the current show in the Theatre of the Stars. It's an intriguing exploration of the phenomena that result from the deaths of stars. It is speculated that they could be tunnels to the future or portals to unknown universes. Decide for yourself. Afternoon performances daily at two and Wednesday and Thursday evenings at eight. Extra matinees on weekends. Admission: Adults \$1.50. Those 17 and under, 50 cents.

LASERIUM

This mixture of laser light and music is unique and exciting entertainment for the entire family. See Laserium this weekend in the Theatre of the Stars. Performances on Fridays at 7:30, 9:00 and 10:30; Saturdays at 4:45, 7:30, 9:00 and 10:30; Sundays at 4:45, 7:30 and 9:00. Admission is \$2.50 for the 4:45 shows and \$2.75 for all others. Tickets are available through all Bay Area Seating Service outlets. Telephone TELETIX for further information. Members are reminded that this is not a planetarium show nor are your membership tickets or passes usable for this attraction.

SPECIAL EXHIBITS

Beginning April 10 is "25 YEARS WITH LLOYD ULLBERG", photographic

studies in black and white. Mr. Ullberg's sensitive photography has covered a wealth of subjects from nature to people and back again during his years as a professional in the east and a "Sunday Photographer" in San Francisco. We invite you to a sampling of the best of the last 25 years. In Lovell White Hall Gallery.

A new exhibit begins April 1, in the Lower Gallery of Cowell Hall entitled, "HISTORY OF COPERNICUS". On Loan to us from the Polish Art and Cultural Foundation, this attractive display explores the life of the famous 16th century scientist, Nicolaus Copernicus, founder of modern astronomy.

News and Notes

In sixteen years at the Academy, Public Information Officer, Hal Richardson, has worn many different hats. You might know him as the man behind our outstanding monthly membership programs — organizer, official greeter, overseer of every detail to make each meeting a special event. Or, you might know him as the author of our monthly "Newsletter", or the "Academically Speaking" column in *Pacific Discovery*. His style of writing is as informative and delightful as the man himself.

Now he is wearing a brand new hat — his retirement cap. For Hal retirement means more time for his first loves — writing and travel. For us it means eager anticipation of the products of his new career. . . and some very large shoes to fill.

EDUCATION AND TRAVEL NOTES

Several activities scheduled for April have openings for additional participants: **SAN BRUNO MOUNTAIN PLANT WALK**—April 3, \$10 members, \$15 non-members. **PINNACLES TRIP**, (Second Section)—April 24, \$22 members only.

GEOLOGY AND ECOLOGY OF DEATH VALLEY—April 11-14, \$90 members, \$100 non-members.

MONTEREY WEEKEND—April 24-25
Dr. and Mrs. Robert T. Orr will lead this pop-

ular journey to observe the wildflowers and marine mammals of the Monterey Bay area. \$50 plus \$6 single supplement; for members only.

Details of these events can be found in your previous "Newsletter" and your "Activities Calendar", or telephone 221-4214, Ext. 11. No phone reservations can be taken but questions are welcome.

The upcoming May events are:

GEOLOGY OF THE BAY AREA

May 1, Saturday, 8:30 a.m.—5:00 p.m.

Join us on our traveling short course in geology of the North Bay Area. Starting from the Academy at 8:30 a.m. we will ride a chartered bus on a loop trip, observing and discussing the local geology. Because of the distance to be covered there will be minimal stops. Bring your lunch. We should be back at the Academy by 5 p.m.

Jean Durham and Jean Smith, Academy Geology Department staff. \$20 members, \$30 non-members.

GALAPAGOS ISLANDS TRAVEL SYMPOSIUM — May 8, Saturday, 9 a.m.-4:30 p.m.

In preparation for the sights the travelers will encounter, Nature Expeditions International, in cooperation with the Academy, will sponsor a one-day seminar on the Galapagos Islands. The geology of the archipelago, the unique wildlife found there, and other topics will be presented. It is open to all. \$10 (trip participants free).

SIERRA VALLEY MARSH

May 14, Friday, 7-9 p.m. orientation;
May 21, Friday evening through May 23, Sunday afternoon, field trip.

This large and beautiful marsh lies in the middle of a sagebrush desert. It is a resting place for migrating waterfowl and a summer home for many birds, including avocets, black-necked stilts, and sandhill cranes. The carnivorous bladderwort and many other interesting aquatic plants flourish there. On this trip we will observe the birds, examine the plants and discuss the ecology of this fascinating marsh. Accommodations at the Sierra Nevada Field Campus of S.F.S.U. near Sierraville.

Mollie Schneider, Education Director, Marin Museum of Science. Fee includes food and lodging, but not transportation. \$60 members, \$70 non-members.

NAPA VALLEY WILDFLOWERS
May 16, Sunday, 9 a.m.—4 p.m.

We have chartered a bus to make a loop trip through the Napa Valley area in search of wildflower displays, which usually reach their peak this month.

Elizabeth McClintock, Curator of Botany. \$15 members, \$20 non-members.

AMERICAN RIVER RAFTING TRIP (Second Section) May 22, Saturday, 9:00 a.m. through mid-afternoon, May 23, Sunday

Join us for an exhilarating two-day trip down the American River in rubber rafts under the guidance of excellent and experienced river guides. We put in near Placerville and take out at Folsom Lake, camping overnight under the stars. We will pass through Fields of wildflowers and through historic gold country. The first day and a half bring us alternating rapids, riffles and scenic stretches. Finally, the rolling hills give way to the granite walls and white water of the American River Gorge in an exuberant finale for a beautiful trip. Meals are provided from lunch on Saturday through lunch on Sunday. Cost is \$80 per person and limited to 25 people, age 7 and up. Members only.

INDIAN USES OF PLANTS

May 21, Friday, 7:30 p.m. through May 23, Sunday, 4 p.m.

Participants in this weekend seminar will stay at the 400-acre Cleary Biological Reserve in Pope Valley of the innercoast range. Students will learn to identify and use the native wild California plants so vital to the sustenance of Indians before the arrival of settlers. Students will sleep in the bunkhouse or under the stars. Food is provided from dinner on Friday through lunch on Sunday.

John Kipping, Education Director, Audubon Canyon Ranch. \$55 members, \$65 non-members (includes food and lodging, no transportation). One unit of biology credit, S.F.S.U.

GALAPAGOS ISLANDS— June 20—July 10
This trip, previously announced as “sold out”, now has a few openings. Call Nature Expeditions International at 941-2910, or write them for an itinerary at P.O. Box 1173, Los Altos, CA 94022.

KENYA NORTHERN FRONTIER SAFARI—

The back cover of the March-April issue of Pacific Discovery announces a special 19-day safari to Kenya's Northern Frontier District to be led by the Academy's Bob Drewes, July 5—25, 1976. Please check your copy for details or telephone the Travel Office at 221-4214, Ext. 11.

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